

ABSTRACT

The present invention relates to a medical device and method for treating the body tissue of a patient. The present invention is also directed to a method of making the medical device and a method of using the medical device. More particularly, the invention relates to a medical device which is inserted into the body for delivery of therapeutic patches to the surface of a body lumen, organ or cavity. Specifically, the medical device has an umbrella-like or a basket-like expandable assembly; and a therapeutic patch. The expandable assembly is capable of changing from a retracted position to an expanded position. The expandable assembly can be self-expanding or non-self-expanding. In one embodiment, the medical device comprises an elongated member; an umbrella-like expandable assembly which has a plurality of wire elements; and a therapeutic patch. The therapeutic patch comprises a sheet having two opposing surfaces wherein one of the surface comprises an adhesive material and at least one biologically active material. The other opposing surface is disposed onto the plurality of wire elements of the umbrella-like expandable assembly. In another embodiment, the medical device comprises an elongated member, a basket-like expandable assembly having a plurality of wire elements; and a therapeutic patch. The therapeutic patch is disposed onto the plurality of wire elements of the basket-like expandable assembly.